

Julio 15, 2016

Chief, Multimedia Permits and Compliance Branch  
Caribbean Environmental Protection Division  
U.S. Environmental Protection Agency, Region 2  
City View Plaza II, Suite 7000  
48 RD. 165 Km. 1.2  
Guaynabo, Puerto Rico 00968-8069

RE: Administrative Order on Consent Docket Number CWA-02-2015-3102 –  
Compliance with AOC Section VII, ¶77 6<sup>th</sup> Quarterly Progress Report

Dear Jose:

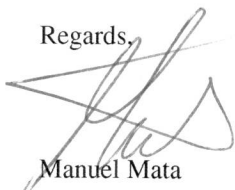
On March 18, 2015 AES Puerto Rico LP (“AES-PR”) and the United States Environmental Protection Agency (“EPA”) entered into the above referenced Administrative Order on Consent (“AOC”), under which AES-PR is obligated to comply with certain requirements (AOC Section VII, Ordered Provisions). All capitalized terms in this letter shall have the meaning as defined in the AOC.

Under AOC Section VII ¶77, Until Termination of this Order, Respondent shall prepare and submit Quarterly Progress Reports (QPR) that describe the current status and progress of Respondent’s actions taken to comply with the provisions of this Order.

In compliance with the new AOC requirement, AES-PR hereby submits the required QPR for Q-2 2016 as an attachment to this letter.

We respectfully ask EPA to advise AES-PR promptly, should the agency have any concerns with this submission. Should AES-PR not receive any timely comments from EPA, we will reasonably consider that EPA has agreed that AES-PR has satisfied this requirement of AOC Section VII, ¶77 in full. Should EPA require additional time to review and provide comments back to AES-PR, that review time is of course entirely beyond the control of AES-PR and should be added to the required time frame for AES-PR to comply with this requirement.

Regards,



Manuel Mata  
President AES Puerto Rico  
Attachments

**Administrative Order on Consent  
AES Puerto Rico Coal Fired Power Plant  
Docket Number CWA-02-2015-3102  
NPDES Tracking Number PRU020663**

Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



Manuel Mata  
President AES Puerto Rico

7-14-2016

Date

# **Quarterly Progress Report (QPR)**

## **No. 6**

**Administrative Compliance Order  
AES-PR Coal Fired Power Plant  
Docket Number CWA-02-2015-3102**

**July 15, 2016**

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AES Puerto Rico, LP (AES-PR) is hereby submitting to the United States Environmental Protection Agency (USEPA) this Quarterly Progress Report (QPR) in accordance with Provision 77 of the Administrative Compliance Order (ACO) , Docket Number CWA-02-2015-3102.

## **Milestones and Activities**

This reporting period covers the actions taken from **April 1, 2016** to **June 30, 2016**. During this reporting period AES-PR completed a number of actions towards meeting the Provisions of this ACO, including:

- 1- Ordered Provision 68 - Upon the Effective Date of this Order and for a period of one year, Respondent shall conduct benchmark monitoring and analyze samples according to Part 6.1.3 (measurable storm event), Part 6.1.4 (sample type), Part 6.1.5 (adverse weather condition), Part 6.1.7 (monitoring periods), Part 6.2.1.1 (applicability of benchmark monitoring), Part 6.2.1.2 (benchmark monitoring schedule), Part 8.O.7 (sector-specific benchmark for steam electric power generating facilities) and Part 8.Q.6 (sector-specific for water transportation) of the MSGP. Also, Respondent shall:**
    - a. monitor at least once at the permanent sampling points 001, 002, and 003 (SP-001, SP-002, and SP-003, respectively) in each of the following 3-month intervals: January 1 – March 31; April 1 – June 30; July 1 – September 30; and October 1 – December 31;**
    - b. analyze the samples for total aluminum, total iron, total lead and total zinc;**
    - c. document monitoring activities and laboratory reports for each sampling point; and**
    - d. prepare MDMR forms within thirty (30) days of receiving the laboratory results. Respondent shall use the MDMR available at the EPA's web site at <http://water.epa.gov/polwaste/npdes/stormwater/>.**
-



AES-PR personnel monitored permanent sampling points 001, 002, and 003 during **April 1 – June 30, 2016**. Samples were analyzed for total aluminum, total iron, total lead and total zinc. Laboratory reports for sampling points were received on April 21, 2016 (**Attachment 1**).

## **2- Benchmark Monitoring Results**

The Q2-2016 benchmark monitoring results for the three storm water outfalls are summarized in the tables and graphs included in **Attachment 2**.

Monitoring results for sampling point 001 indicate a decrease in storm water aluminum and iron concentrations. Storm water monitoring parameters were all below benchmark value during this monitoring period.

At sampling point 002, monitoring results showed a reduction in aluminum and iron concentration compared to the first quarter. Results indicated that aluminum and iron concentrations in samples were above benchmark values. Corrective actions were completed in order to comply with part 6.2.1 of the MSGP 2015. The selection, design, installation, and implementation of control measures were reviewed and evaluated in the field.

As a corrective action, the wash station exit road located east of the limestone dome and other selected plant road areas were improved with asphalt. Also, a segment of the south plant road entrance was paved in order to eliminate the erosion potential from that area. In addition, the rip rap located at the south side of the facility (Gate #3, close to sampling point 002) was improved.

Stormwater monitoring parameters at sampling point 003 were all below benchmark value during this monitoring period. Results indicated that the control measures have been working effectively and that no BMP modifications are necessary for that drainage area.

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### **3- Additional Actions Taken**

AES-PR is submitting with this QPR the compliance activities completed during this period (**Attachment 3**). It includes visual inspections and monitoring activities conducted for all plant storm water outfalls. Inspection results were documented and records kept with the Stormwater Pollution Prevention Plan. All the routine site inspections and corrective actions for the **April 1, 2016** to **June 30, 2016** period were completed, documented and are being submitted with this report.

### **4- Activities for Next Reporting Period**

During the next reporting period, AES will continue conducting benchmark monitoring and sampling as required in AOC provision 68.

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## Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



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Manuel Mata  
Plant Manager

# **ATTACHMENT 1**

## **Discharge Monitoring Report**

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# DMR Copy of Record

<b>Permit</b> Permit #: PRR053093 Major: No		<b>Permittee:</b> AES PUERTO RICO, LP Road #3 km. 142 Jobos Ward Guayama, PR 00784		<b>Facility:</b> AES PUERTO RICO, L.P. ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	
<b>Permitted Feature:</b> 001 External Outfall		<b>Discharge:</b> 001-01 Steam Electric Generating Facilities			
<b>Report Dates &amp; Status</b> Monitoring Period: From 04/01/16 to 06/30/16 Considerations for Form Completion		<b>DMR Due Date:</b> 07/31/16		<b>Status:</b> NetDMR Validated	
<b>Principal Executive Officer</b> First Name: Manuel Last Name: Mata		<b>Title:</b> Plant Manager		<b>Telephone:</b> 787-866-8117	
<b>No Data Indicator (NOD)</b> Form NOD:					
<b>Parameter</b> Code Name	<b>Monitoring Location</b> Season # Param. NOD	<b>Quantity or Loading</b> Qualifier 1 Value 1 Qualifier 2 Value 2 Units	<b>Quality or Concentration</b> Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Units	<b># of Ex.</b> Frequency of Analysis	<b>Sample Type</b> Sample Type
01045 Iron, total (as Fe) 1 - Effluent Gross	0	0.733 1 MAXIMUM	19 - mg/L 19 - mg/L	0190 - Quarterly 0190 - Quarterly	GR - GPAB GR - GPAB

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
 No errors.  
 Comments

**Attachments**  
 No attachments

**Report Last Saved By**  
 AES PUERTO RICO, LP  
 User: pedro.labayan@aes.com  
 Name: Pedro Labayan  
 E-Mail: pedro.labayan@aes.com

**Date/Time:**  
 2016-05-23 09:18 (Time Zone -04:00)

# DMR Copy of Record

<b>Permit</b>		<b>Permittee:</b>		<b>Facility:</b>	
PRR053093		AES PUERTO RICO, LP		AES PUERTO RICO, L.P.	
Major: No		Road #3 km. 142 Jobos Ward		ROAD #3 KM. 142 JOBOS WARD	
		Guayama, PR 00784		GUAYAMA, PR 00784	
<b>Permitted Feature:</b>		<b>Discharge:</b>			
001 External Outfall		001-Q1			
		Water Transportation Facilities			
<b>Report Dates &amp; Status</b>		<b>DMR Due Date:</b>		<b>Status:</b>	
Monitoring Period: From 04/01/16 to 06/30/16		07/31/16		NetDMR Validated	
<b>Considerations for Form Completion</b>					
<b>Principal Executive Officer</b>		<b>Title:</b>		<b>Telephone:</b>	
First Name: Manuel				787-866-8117	
Last Name: Mata					
<b>No Data Indicator (NODI)</b>					
<b>Form NODI:</b>					

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading		Quality or Concentration		Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 1 Value 1	Qualifier 2 Value 2				
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI			19 - mg/L	0190 - Quarterly	GR - GRAB	
01051	Lead, total [as Pb]	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI			19 - mg/L	0190 - Quarterly	GR - GRAB	
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI			28 - ug/L	0190 - Quarterly	GR - GRAB	
01105	Aluminum, total [as Al]	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI			19 - mg/L	0190 - Quarterly	GR - GRAB	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments

**Report Last Saved By**  
AES PUERTO RICO, LP

**User:** pedro.labayen@aes.com  
**Name:** Pedro Labayen  
**E-Mail:** pedro.labayen@aes.com

**Date/Time:** 2016-05-23 09:20 (Time Zone: -04:00)





**BECKTON**  
Environmental Laboratories, Inc.



## REPORT OF ANALYSIS

**ATTENTION:** Mr. Héctor Ávila  
**COMPANY:** AES Puerto Rico - Guayama

**DATE:** April 14, 2016

**CONTRACT:** AES - Guayama

**LAB. SAMPLE ID:** BEL-1601057

**SAMPLE DATE:** 04/01/16

**DESCRIPTION:** Stormwater #001

**SAMPLE COLLECTED BY:** Client (P. Labayen)

**TIME:** 5:51 AM

**LAB. FILE ID:** 1601057

**DATE RECEIVED:** 04/04/16

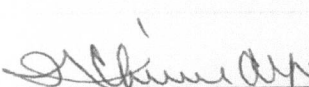
**MATRIX:** Water

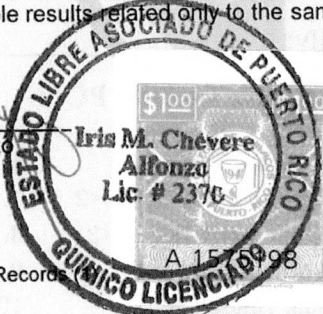
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1601057 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	0.682	0.005	BTR	04/08/16
Iron	200.7(ICAP)	Grab	mg/L	0.733	0.010	BTR	04/08/16
Lead	200.7(ICAP)	Grab	mg/L	<0.002	0.002	BTR	04/08/16
Zinc	200.7(ICAP)	Grab	mg/L	0.090	0.002	BTR	04/08/16

\*Standard Methods for the Examination of Water and Waste Water 20<sup>th</sup> Edition, 1999.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

  
Lcda. Iris M. Chévere Alfonzo  
Laboratory Director  
Chemist License 2370



Attachment: Chain of Custody Records

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS.  
REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES.  
CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING  
•CERTIFICATION NUMBER E87556•  
CERTIFIED BY THE PUERTO RICO DEPARTMENT OF HEALTH (PRDOH) EPA CODE #PR00012  
192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

## CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>AES GMA.</i>	SAMPLER <i>Pedro Labayan</i>
SAMPLE LOCATION/CLIENT ID <i>StormWater # 001</i>	TIME <i>5:51 AM</i>	CONTROL NO. <i>185890</i>
SAMPLE DATE <i>4-1-16</i>	BEL. NO. <i>1601057</i>	

1. General Environmental:	PC	VSS	PC
Acidity ( )	—	Alkalinity ( )	—
Ammonia as N ( )	—	Bicarbonate ( )	—
BOD-5 ( )	—	Bromide ( )	—
Chloride ( )	—	Chlorine, Res. ( )	—
COD ( )	—	Color (ADMI) ( )	—
Conductivity $\mu$ mhos/cm ( )	—	Color (Pt-Co) ( )	—
Dissolved Oxygen ( )	—	Cyanide ( )	—
Hardness ( )	—	Fluoride ( )	—
Moisture % ( )	—	Iodide ( )	—
Nitrite ( )	—	Nitrate ( )	—
Oil+Grease ( )	—	Nitrate + Nitrite ( )	—
Phenol ( )	—	pH, S.U. ( )	—
Phosphorus, Total ( )	—	Phosphate, Ortho ( )	—
Sett Solids mg/L ( )	—	Sett. Solids mL/L ( )	—
Sulfate ( )	—	Solids, Total ( )	—
Sulfite ( )	—	Sulfide ( )	—
TDS ( )	—	Surfactant ( )	—
Temperature, °C ( )	—	TSS ( )	—
TOC ( )	—	TKN ( )	—
Asbestos ( )	—	Turbidity ( )	—
TVS ( )	—	Carbonate ( )	—
Total Nitrogen ( )	—		
2. Metals:			
Aluminum (Al) <input checked="" type="checkbox"/>	<i>I</i>	Cadmium (Cd) ( )	—
Chromium (Cr) <input checked="" type="checkbox"/>	<i>I</i>	Copper (Cu) ( )	—
Iron (Fe) <input checked="" type="checkbox"/>	<i>I</i>	Lead (Pb) <input checked="" type="checkbox"/>	<i>I</i>
Manganese (Mn) ( )	—	Mercury (Hg) ( )	—
Nickel (Ni) ( )	—	Selenium (Se) ( )	—
Silver (Ag) ( )	—	Tin (Sn) ( )	—
Zinc (Zn) <input checked="" type="checkbox"/>	<i>I</i>	Arsenic (As) ( )	—
Barium (Ba) ( )	—	Boron (B) ( )	—
Antimony (Sb) ( )	—	Beryllium (Be) ( )	—
Bismuth (Bi) ( )	—	Calcium (Ca) ( )	—
Chromium, VI (CrVI) ( )	—	Cobalt (Co) ( )	—
Magnesium (Mg) ( )	—	Molybdenum (Mo) ( )	—
Potassium (K) ( )	—	Silicon (Si) ( )	—
Sodium (Na) ( )	—	Strontium (Sr) ( )	—
Thallium (Tl) ( )	—	Titanium (Ti) ( )	—
Vanadium (V) ( )	—	Lithium (Li) ( )	—

## 3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ( )	—
Reactivity (CN & S) ( )	—
RCRA Metals ( )	—
Organics-BNA ( )	—
TOX ( )	—

## 4. Specific Organics

Volatiles ( )	—
Pesticides/PCB's ( )	—
Herbicides ( )	—
BTEX ( )	—
TTO & Dioxin ( )	—

## 5. Microbiology

Fecal Coliform ( )	—
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Corrosivity ( )	—
TCLP ( )	—
Organics-Pest/Herb ( )	—
Organics-VOA ( )	—
Phenols GC ( )	—
Semi-Volatiles (BNA) ( )	—
PCB's Only ( )	—
TPH 418.1 ( )	—
TTO ( )	—
TPH 8015 ( )	—
Lindane ( )	—

Total Coliform ( )	—
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## Comments:

Sampling Witness: \_\_\_\_\_

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Received by: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Received by: \_\_\_\_\_



# DMR Copy of Record

<b>Permit</b>		<b>Permittee:</b>		<b>Facility:</b>	
Permit #:	PRR063093	AES PUERTO RICO, LP		AES PUERTO RICO, L.P.	
Major:	No	Road #3 km. 142 Jobs Ward		ROAD #3 KM. 142 JOBS WARD	
		Guayama, PR 00784		GUAYAMA, PR 00784	
<b>Permitted Feature:</b>		<b>Discharge:</b>		<b>Status:</b>	
002 External Outfall		002-01 Steam Electric Generating Facilities		NetDMR Validated	
<b>Report Dates &amp; Status</b>		<b>DMR Due Date:</b>			
Monitoring Period: From 04/01/16 to 06/30/16		07/31/16			
Considerations for Form Completion					
<b>Principal Executive Officer</b>					
<b>First Name:</b>		<b>Title:</b>		<b>Telephone:</b>	
Manuel		Plant Manager		787-866-8117	
<b>Last Name:</b>					
Mata					
<b>No Data Indicator (NODI)</b>					
Form NODI:					
Parameter	Monitoring Location	Season	Param. NODI	Quantity or Loading	Quality or Concentration
Code	Name			Qualifier 1 Value 1	Qualifier 2 Value 2
X 01045	Iron, total (as Fe)	1 - Effluent Gross	0	4.69	19 - mg/L
				1 MAXIMUM	19 - mg/L
					GR - GRAB
					GR - GRAB

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

<b>Parameter</b>	<b>Monitoring Location</b>	<b>Field</b>	<b>Type</b>	<b>Description</b>	<b>Acknowledge</b>
Code	Name				
01045	Iron, total (as Fe)	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)
<b>Comments</b>					Yes

**Attachments**  
No attachments

**Report Last Saved By**  
AES PUERTO RICO, LP

**User:** pedro.labayen@aes.com  
**Name:** Pedro Labayen  
**E-Mail:** pedro.labayen@aes.com

**Date/Time:** 2016-05-23 09:27 (Time Zone: -04:00)

# DMR Copy of Record

<b>Permit</b>	<b>PRR050033</b>	<b>Permittee:</b>	AES PUERTO RICO, LP	<b>Facility:</b>	AES PUERTO RICO, L.P.
<b>Major:</b>	No	<b>Permittee Address:</b>	Road #3 km. 142 Jobs Ward Guayama, PR 00784	<b>Facility Location:</b>	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784
<b>Permitted Feature:</b>	002 External Outfall	<b>Discharge:</b>	002-Q1 Water Transportation Facilities		
<b>Report Dates &amp; Status</b>		<b>DMR Due Date:</b>	07/31/16	<b>Status:</b>	NetDMR Validated
<b>Monitoring Period:</b>	From 04/01/16 to 06/30/16				
<b>Considerations for Form Completion</b>					
<b>Principal Executive Officer</b>		<b>Title:</b>	Plant Manager	<b>Telephone:</b>	787-866-8117
<b>First Name:</b>	Manuel				
<b>Last Name:</b>	Meta				
<b>No Data Indicator (NODI)</b>					

Form NODI:					Monitoring Location		Season	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex.			Frequency of Analysis	Sample Type
Code	Parameter Name								Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
X 01045	Iron, total [as Fe]	1 - Effluent Gross	0					Sample Permit Req. Value NODI					=	4.69	19 - mg/L			01/90 - Quarterly	GR - GRAB
								Sample Permit Req. Value NODI					=	1 MAXIMUM	19 - mg/L			01/90 - Quarterly	GR - GRAB
01051	Lead, total [as Pb]	1 - Effluent Gross	0					Sample Permit Req. Value NODI					<	0.002	19 - mg/L			01/90 - Quarterly	GR - GRAB
								Sample Permit Req. Value NODI					<=	.21 MAXIMUM	19 - mg/L			01/90 - Quarterly	GR - GRAB
01052	Zinc, total [as Zn]	1 - Effluent Gross	0					Sample Permit Req. Value NODI					<=	64	28 - ug/L			01/90 - Quarterly	GR - GRAB
								Sample Permit Req. Value NODI					<=	90 MAXIMUM	28 - ug/L			01/90 - Quarterly	GR - GRAB
X 01105	Aluminum, total [as Al]	1 - Effluent Gross	0					Sample Permit Req. Value NODI					=	8.3	19 - mg/L			01/90 - Quarterly	GR - GRAB
								Sample Permit Req. Value NODI					<=	.75 MAXIMUM	19 - mg/L			01/90 - Quarterly	GR - GRAB

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors		Field		Type		Description		Acknowledge	
Code	Parameter Name	Monitoring Location	Field	Type		Description		Acknowledge	
01045	Iron, total [as Fe]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft		The provided sample value is outside the permit limit. (Error Code: 1)		Yes	
01105	Aluminum, total [as Al]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft		The provided sample value is outside the permit limit. (Error Code: 1)		Yes	

**Comments**

**Attachments**  
No attachments

**Report Last Saved By**

AES PUERTO RICO, LP

User: pedro.labayen@aes.com

Name: Pedro Labayen

E-Mail: pedro.labayen@aes.com

Date/Time: 2016-05-23 09:29 (Time Zone: -04:00)



**BECKTON**  
Environmental Laboratories, Inc.



## REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila  
COMPANY: AES Puerto Rico - Guayama

DATE: April 14, 2016

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1601058

SAMPLE DATE: 04/01/16

DESCRIPTION: Stormwater #002

SAMPLE COLLECTED BY: Client (P. Labayen)

TIME: 9:36AM

LAB. FILE ID: 1601058

DATE RECEIVED: 04/04/16

MATRIX: Water

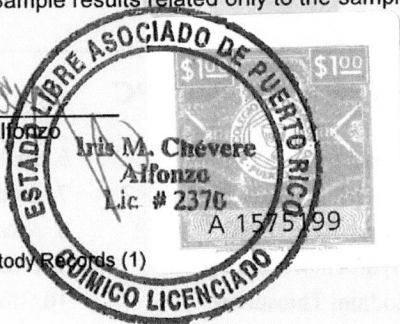
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1601058 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	8.30	0.005	BTR	04/08/16
Iron	200.7(ICAP)	Grab	mg/L	4.69	0.010	BTR	04/08/16
Lead	200.7(ICAP)	Grab	mg/L	<0.002	0.002	BTR	04/08/16
Zinc	200.7(ICAP)	Grab	mg/L	0.064	0.002	BTR	04/08/16

\*Standard Methods for the Examination of Water and Waste Water 20<sup>th</sup> Edition, 1999.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonso  
Laboratory Director  
Chemist License 2370



Attachment: Chain of Custody Records (1)

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS.  
REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES.  
CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING  
•CERTIFICATION NUMBER E87556•  
CERTIFIED BY THE PUERTO RICO DEPARTMENT OF HEALTH (PRDOH) EPA CODE #PR00012  
192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313



## BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street • Ponce, P.R. 00730-4875

Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

## CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <b>AES Gma.</b>	SAMPLER <b>P. Labaya</b>
SAMPLE LOCATION/CLIENT ID <b>Stormwater # 002</b>	TIME <b>9:36 AM</b>	CONTROL NO. <b>185891</b>
SAMPLE DATE <b>4-1-16</b>	BEL. NO. <b>1601058</b>	

1. General Environmental: PC VSS PC

Acidity ( ) — Alkalinity ( ) —

Ammonia as N ( ) — Bicarbonate ( ) —

BOD-5 ( ) — Bromide ( ) —

Chloride ( ) — Chlorine, Res. ( ) —

COD ( ) — Color (ADMI) ( ) —

Conductivity  $\mu$ mhos/cm ( ) — Color (Pt-Co) ( ) —

Dissolved Oxygen ( ) — Cyanide ( ) —

Hardness ( ) — Fluoride ( ) —

Moisture % ( ) — Iodide ( ) —

Nitrite ( ) — Nitrate ( ) —

Oil+Grease ( ) — Nitrate + Nitrite ( ) —

Phenol ( ) — pH, S.U. ( ) —

Phosphorus, Total ( ) — Phosphate, Ortho ( ) —

Sett Solids mg/L ( ) — Sett. Solids mL/L ( ) —

Sulfate ( ) — Solids, Total ( ) —

Sulfite ( ) — Sulfide ( ) —

TDS ( ) — Surfactant ( ) —

Temperature, °C ( ) — TSS ( ) —

TOC ( ) — TKN ( ) —

Asbestos ( ) — Turbidity ( ) —

TVS ( ) — Carbonate ( ) —

Total Nitrogen ( ) —

2. Metals:

Aluminum (Al) ☒ — Cadmium (Cd) ( ) —

Chromium (Cr) ( ) — Copper (Cu) ( ) —

Iron (Fe) ☒ — Lead (Pb) ☒ —

Manganese (Mn) ( ) — Mercury (Hg) ( ) —

Nickel (Ni) ( ) — Selenium (Se) ( ) —

Silver (Ag) ( ) — Tin (Sn) ( ) —

Zinc (Zn) ☒ — Arsenic (As) ( ) —

Barium (Ba) ( ) — Boron (B) ( ) —

Antimony (Sb) ( ) — Beryllium (Be) ( ) —

Bismuth (Bi) ( ) — Calcium (Ca) ( ) —

Chromium, VI (CrVI) ( ) — Cobalt (Co) ( ) —

Magnesium (Mg) ( ) — Molybdenum (Mo) ( ) —

Potassium (K) ( ) — Silicon (Si) ( ) —

Sodium (Na) ( ) — Strontium (Sr) ( ) —

Thallium (Tl) ( ) — Titanium (Ti) ( ) —

Vanadium (V) ( ) — Lithium (Li) ( ) —

3. RCRA/Hazardous wastes

Ignitability (Flash PL) ( ) — Corrosivity ( ) —

Reactivity (CN & S) ( ) — TCLP ( ) —

RCRA Metals ( ) — Organics-Pest/Herb ( ) —

Organics-BNA ( ) — Organics-VOA ( ) —

TOX ( ) —

4. Specific Organics

Volatiles ( ) — Phenols GC ( ) —

Pesticides/PCB's ( ) — Semi-Volatiles (BNA) ( ) —

Herbicides ( ) — PCB's Only ( ) —

BTEX ( ) — TPH 418.1 ( ) —

TTO & Dioxin ( ) — TTO ( ) —

TPH 8015 ( ) —

Lindane ( ) —

5. Microbiology

Fecal Coliform ( ) — Total Coliform ( ) —

Comments:

Sampling Witness: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Relinquished by: **P. Labaya**Date/Time: **4-4-16 11:15 AM**Received by: **Edo**Date/Time: **4-4-16 11:15 AM**Relinquished by: **Edo**Date/Time: **4-4-16 4:56 PM**Received by: **Ally**Date/Time: **4/4/16 1:56 PM**

Relinquished by: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Received by: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Received by: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_

Date/Time: \_\_\_\_\_

## Matrix

air ( ) water ☒ sludge ( )

liquid ( ) soil ( ) solid ( )

oil ( ) mixed ( ) other ( )

Specify: \_\_\_\_\_

## Preservative Codes = PC

- |   |                            |
|---|----------------------------|
| 1. Cool, <6°C   | 6. Sodium Hydroxide (NaOH) |
| 2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 | 7. Zinc Acetate            |
| 3. Nitric Acid (HNO <sub>3</sub> ), pH<2                | 8. Ascorbic Acid           |
| 4. Hydrochloric acid (HCl)                              | 9. FAS                     |
| 5. Sodium Thiosulfate                                   | 10. Other                  |

## Sample type legend:

grab samples x

composite samples xx

## Turnaround time: Sampling Equipment:

1 day ( ) Automatic Sampler ( )

2 days ( ) Sample Pick Up ( )

3 days ( )

5 days ( )

Note: normal turnaround time is ten (10) working days;

additional charges apply for rush orders.

Original

[illegible]

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**No errors.**

Continued

**No attachments.**

AES PUERTO RICO, LP

Name: Pedro La

# DMR Copy of Record

<b>Permit</b>	<b>PRR063093</b>	<b>Permittee:</b>	AES PUERTO RICO, LP	<b>Facility:</b>	AES PUERTO RICO, L.P.
<b>Major:</b>	No	<b>Permittee Address:</b>	Road #3 km. 142 Jobos Ward Guayama, PR 00784	<b>Facility Location:</b>	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784
<b>Permitted Feature:</b>	003 External Outfall	<b>Discharge:</b>	003-Q1 Water Transportation Facilities		
<b>Report Dates &amp; Status</b>		<b>DMR Due Date:</b>	07/31/16	<b>Status:</b>	NetDMR Validated
<b>Monitoring Period:</b>	From 04/01/16 to 06/30/16				
<b>Considerations for Form Completion</b>					
<b>Principal Executive Officer</b>		<b>Title:</b>	Plant Manager	<b>Telephone:</b>	787-866-8117
<b>First Name:</b>	Manuel				
<b>Last Name:</b>	Mata				
<b>No Data Indicator (NODI)</b>					

<b>Form NODI:</b>	<b>Monitoring Location</b>	<b>Season</b>	<b>Param. NODI</b>	<b>Quantity or Loading</b>	<b>Quality or Concentration</b>	<b>Value 3</b>	<b>Units</b>	<b># of Ex.</b>	<b>Frequency of Analysis</b>	<b>Sample Type</b>
<b>Code</b>	<b>Parameter Name</b>	<b>Qualifier 1</b>	<b>Qualifier 2</b>	<b>Qualifier 1 Value 1</b>	<b>Qualifier 2 Value 2</b>	<b>Qualifier 3 Value 3</b>				
01045	Iron, total (as Fe)	1 - Effluent Gross	0			0.186	19 - mg/L	0190 - Quarterly	GR - GRAB	
						1 MAXIMUM	19 - mg/L	0190 - Quarterly	GR - GRAB	
01051	Lead, total (as Pb)	1 - Effluent Gross	0			0.002	19 - mg/L	0190 - Quarterly	GR - GRAB	
						.21 MAXIMUM	19 - mg/L	0190 - Quarterly	GR - GRAB	
01052	Zinc, total (as Zn)	1 - Effluent Gross	0			36	28 - ug/L	0190 - Quarterly	GR - GRAB	
						90 MAXIMUM	28 - ug/L	0190 - Quarterly	GR - GRAB	
01105	Aluminum, total (as Al)	1 - Effluent Gross	0			0.205	19 - mg/L	0190 - Quarterly	GR - GRAB	
						.75 MAXIMUM	19 - mg/L	0190 - Quarterly	GR - GRAB	

<b>Submission Note</b>	
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.	
<b>Edit Check Errors</b>	
<b>No errors.</b>	
<b>Comments</b>	
<b>Attachments</b>	
<b>No attachments</b>	
<b>Report Last Saved By</b>	
<b>AES PUERTO RICO, LP</b>	
<b>User:</b>	pedro.labayan@aes.com
<b>Name:</b>	Pedro Labayan
<b>E-Mail:</b>	pedro.labayan@aes.com
<b>Date/Time:</b>	2016-05-23 09:32 (Time Zone: -04:00)





## REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila  
COMPANY: AES Puerto Rico - Guayama

DATE: April 14, 2016

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1601059

SAMPLE DATE: 04/01/16

DESCRIPTION: Stormwater #003

SAMPLE COLLECTED BY: Client (P. Labayen)

TIME: 12:19PM

LAB. FILE ID: 1601059

DATE RECEIVED: 04/04/16

MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1601059 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	0.205	0.005	BTR	04/08/16
Iron	200.7(ICAP)	Grab	mg/L	0.186	0.010	BTR	04/08/16
Lead	200.7(ICAP)	Grab	mg/L	<0.002	0.002	BTR	04/08/16
Zinc	200.7(ICAP)	Grab	mg/L	0.036	0.002	BTR	04/08/16

\*Standard Methods for the Examination of Water and Waste Water 20<sup>th</sup> Edition, 1999.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo  
Laboratory Director  
Chemist License 2370



Attachment: Chain of Custody Records (1)

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS.  
REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES.  
CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING  
•CERTIFICATION NUMBER E87556•

CERTIFIED BY THE PUERTO RICO DEPARTMENT OF HEALTH (PRDOH) EPA CODE #PR00012  
192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

## BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street • Ponce, P.R. 00730-4875

Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

## CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>AES Gma.</i>	SAMPLER <i>P. Labayan</i>
SAMPLE LOCATION/CLIENT ID <i>StormWater # 003</i>	TIME <i>12:19 AM</i>	CONTROL NO. <i>185892</i>
SAMPLE DATE <i>4-1-16</i>	BEL. NO. <i>1601059</i>	

1. General Environmental:	PC	VSS	PC
Acidity ( )	—	Alkalinity ( )	—
Ammonia as N ( )	—	Bicarbonate ( )	—
BOD-5 ( )	—	Bromide ( )	—
Chloride ( )	—	Chlorine, Res. ( )	—
COD ( )	—	Color (ADMI) ( )	—
Conductivity $\mu$ mhos/cm ( )	—	Color (Pt-Co) ( )	—
Dissolved Oxygen ( )	—	Cyanide ( )	—
Hardness ( )	—	Fluoride ( )	—
Moisture % ( )	—	Iodide ( )	—
Nitrite ( )	—	Nitrate ( )	—
Oil+Grease ( )	—	Nitrate + Nitrite ( )	—
Phenol ( )	—	pH, S.U. ( )	—
Phosphorus, Total ( )	—	Phosphate, Ortho ( )	—
Sett Solids mg/L ( )	—	Sett. Solids mL/L ( )	—
Sulfate ( )	—	Solids, Total ( )	—
Sulfite ( )	—	Sulfide ( )	—
TDS ( )	—	Surfactant ( )	—
Temperature, °C ( )	—	TSS ( )	—
TOC ( )	—	TKN ( )	—
Asbestos ( )	—	Turbidity ( )	—
TVS ( )	—	Carbonate ( )	—
Total Nitrogen ( )	—		
2. Metals:			
Aluminum (Al) <input checked="" type="checkbox"/> <i>1</i>		Cadmium (Cd) ( )	—
Chromium (Cr) ( )	—	Copper (Cu) ( )	—
Iron (Fe) <input checked="" type="checkbox"/> <i>1</i>		Lead (Pb) <input checked="" type="checkbox"/>	—
Manganese (Mn) ( )	—	Mercury (Hg) ( )	—
Nickel (Ni) ( )	—	Selenium (Se) ( )	—
Silver (Ag) ( )	—	Tin (Sn) ( )	—
Zinc (Zn) <input checked="" type="checkbox"/> <i>1</i>		Arsenic (As) ( )	—
Barium (Ba) ( )	—	Boron (B) ( )	—
Antimony (Sb) ( )	—	Beryllium (Be) ( )	—
Bismuth (Bi) ( )	—	Calcium (Ca) ( )	—
Chromium, VI (CrVI) ( )	—	Cobalt (Co) ( )	—
Magnesium (Mg) ( )	—	Molybdenum (Mo) ( )	—
Potassium (K) ( )	—	Silicon (Si) ( )	—
Sodium (Na) ( )	—	Strontium (Sr) ( )	—
Thallium (Tl) ( )	—	Titanium (Ti) ( )	—
Vanadium (V) ( )	—	Lithium (Li) ( )	—

## 3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ( )	—
Reactivity (CN & S) ( )	—
RCRA Metals ( )	—
Organics-BNA ( )	—
TOX ( )	—

## 4. Specific Organics

Volatiles ( )	—
Pesticides/PCB's ( )	—
Herbicides ( )	—
BTEX ( )	—
TTO & Dioxin ( )	—

## 5. Microbiology

Fecal Coliform ( )	—
--------------------	---

Corrosivity ( )	—
TCLP ( )	—
Organics-Pest/Herb ( )	—
Organics-VOA ( )	—

Phenols GC ( )	—
Semi-Volatiles (BNA) ( )	—
PCB's Only ( )	—
TPH 418.1 ( )	—
TTO ( )	—
TPH 8015 ( )	—
Lindane ( )	—

Total Coliform ( )	—
--------------------	---

Comments:

Sampling Witness: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Relinquished by: *V. E. Lopez*Date/Time: *4-4-16 11:15 AM*Received by: *Ed D*Date/Time: *4-4-16 11:15 AM*Relinquished by: *Ed D*Date/Time: *4-4-16 1:57 PM*Received by: *Alx 2016*Date/Time: *4/4/16 1:57 PM*

Relinquished by: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Received by: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Received by: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Received by: \_\_\_\_\_

Date/Time: \_\_\_\_\_

## Matrix

air ( )	water <input checked="" type="checkbox"/>	sludge ( )
liquid ( )	soil ( )	solid ( )
oil ( )	mixed ( )	other ( )

Specify: \_\_\_\_\_

Preservative Codes = PC

- |   |                            |
|---|----------------------------|
| 1. Cool, <6°C   | 6. Sodium Hydroxide (NaOH) |
| 2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 | 7. Zinc Acetate            |
| 3. Nitric Acid (HNO <sub>3</sub> ), pH<2                | 8. Ascorbic Acid           |
| 4. Hydrochloric acid (HCl)                              | 9. FAS                     |
| 5. Sodium Thiosulfate                                   | 10. Other                  |

## Sample type legend:

grab samples	x
composite samples	xx

Turnaround time: Sampling Equipment:

1 day ( ) Automatic Sampler ( )

2 days ( ) Sample Pick Up ( )

3 days ( )

5 days ( )

Note: normal turnaround time is ten (10) working days;  
additional charges apply for rush orders.

Original



## **ATTACHMENT 2**

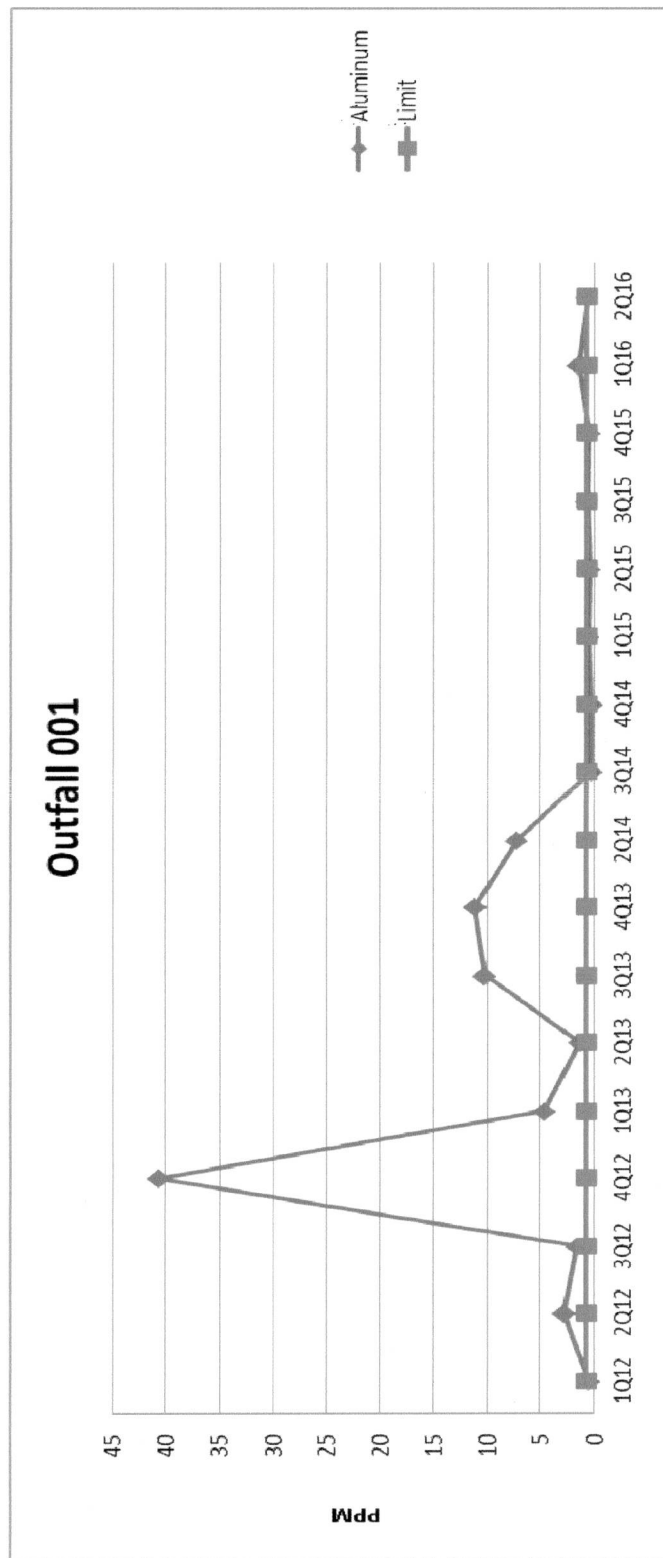
### Summary of Benchmark Monitoring

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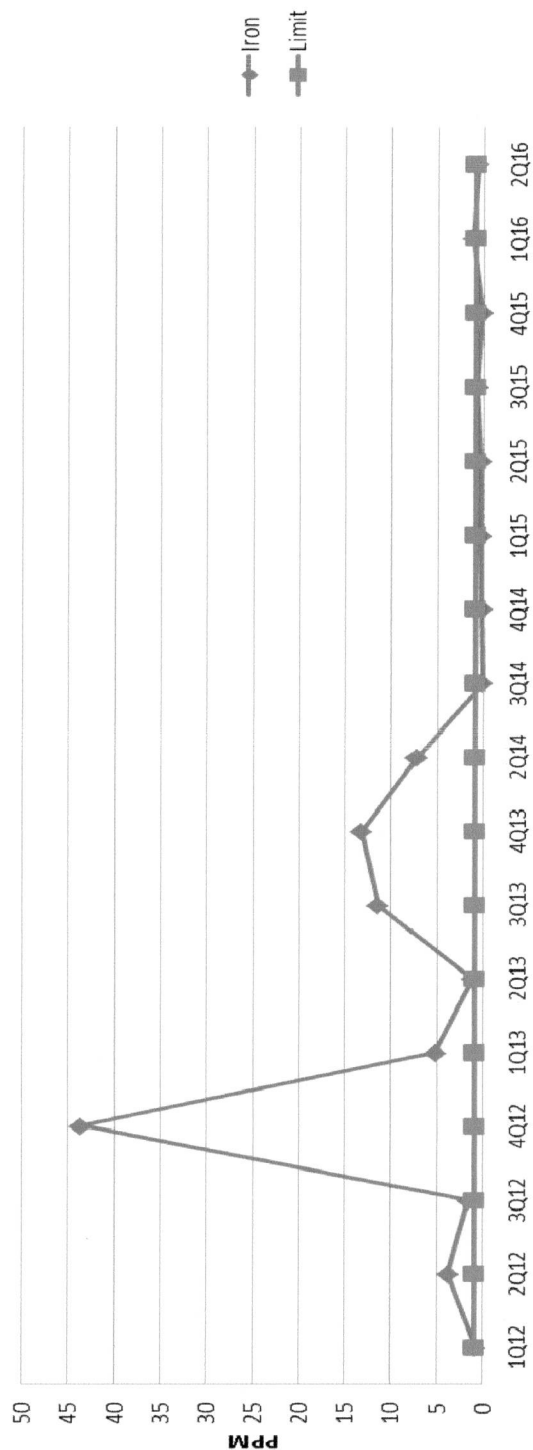
**AES Puerto Rico, L.P.**  
**Benchmark Monitoring Results Summary**

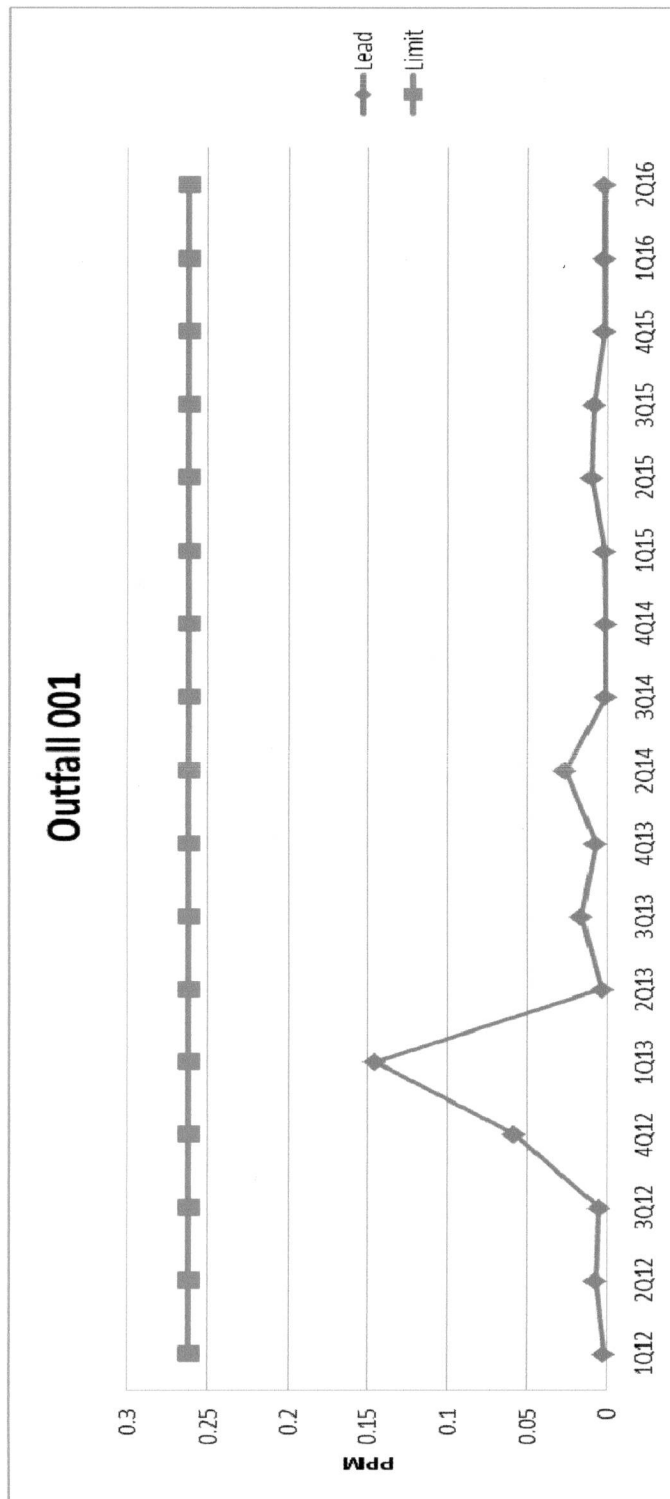
Quarter	Period	Outfall 001				Outfall 002				Outfall 003			
		Total Fe (mg/l)	Total Al (mg/l)	Total Pb (mg/l)	Total Zn (mg/l)	Total Fe (mg/l)	Total Al (mg/l)	Total Pb (mg/l)	Total Zn (mg/l)	Total Fe (mg/l)	Total Al (mg/l)	Total Pb (mg/l)	Total Zn (mg/l)
3	JUL-SEP 2015	0.755	0.684	0.008	0.161	0.034	0.05	0.021	0.009	0.452	0.405	0.017	0.041
4	OCT-DEC 2015	0.232	0.496	0.002	0.024	0.292	0.459	0.002	0.012	0.682	1.33	0.002	0.028
1	ENE-MAR 2016	1.18	1.52	0.002	0.089	14.0	17.1	0.005	0.113	0.305	0.208	0.002	0.022
2	APR-JUN 2016	0.733	0.682	0.002	0.09	4.69	8.3	0.002	0.064	0.186	0.205	0.002	0.036
<b>Quarterly AVERAGE</b>		0.725	0.846	0.004	0.091	4.754	6.477	0.008	0.050	0.41	0.54	0.01	0.03
<b>Benchmark Concentration</b>		1.0	0.75	0.262	0.260	1.0	0.75	0.262	0.260	1.0	0.75	0.262	0.260

ND = No Discharge

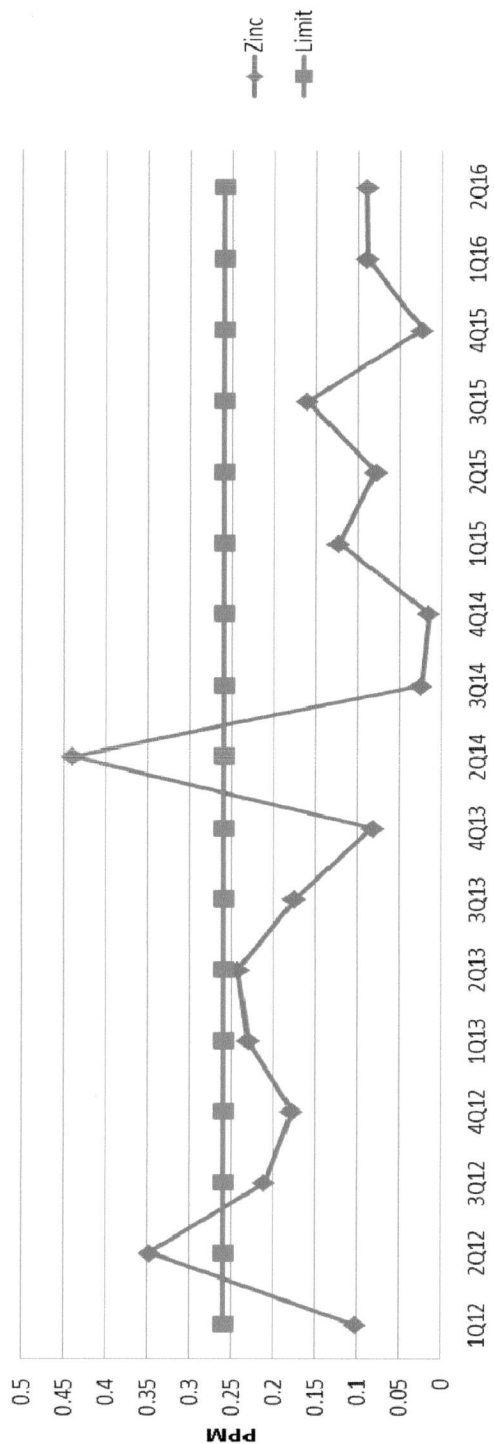


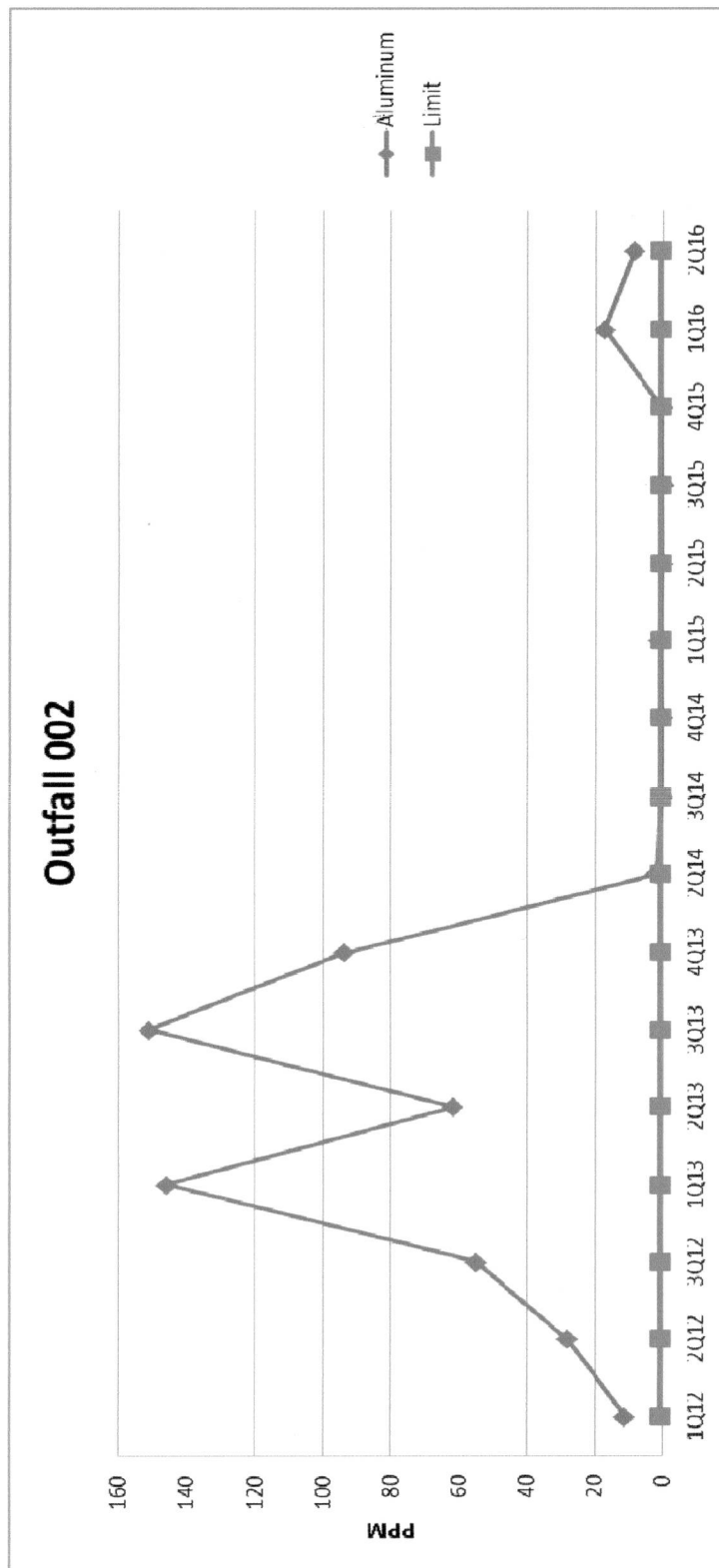
## Outfall 001

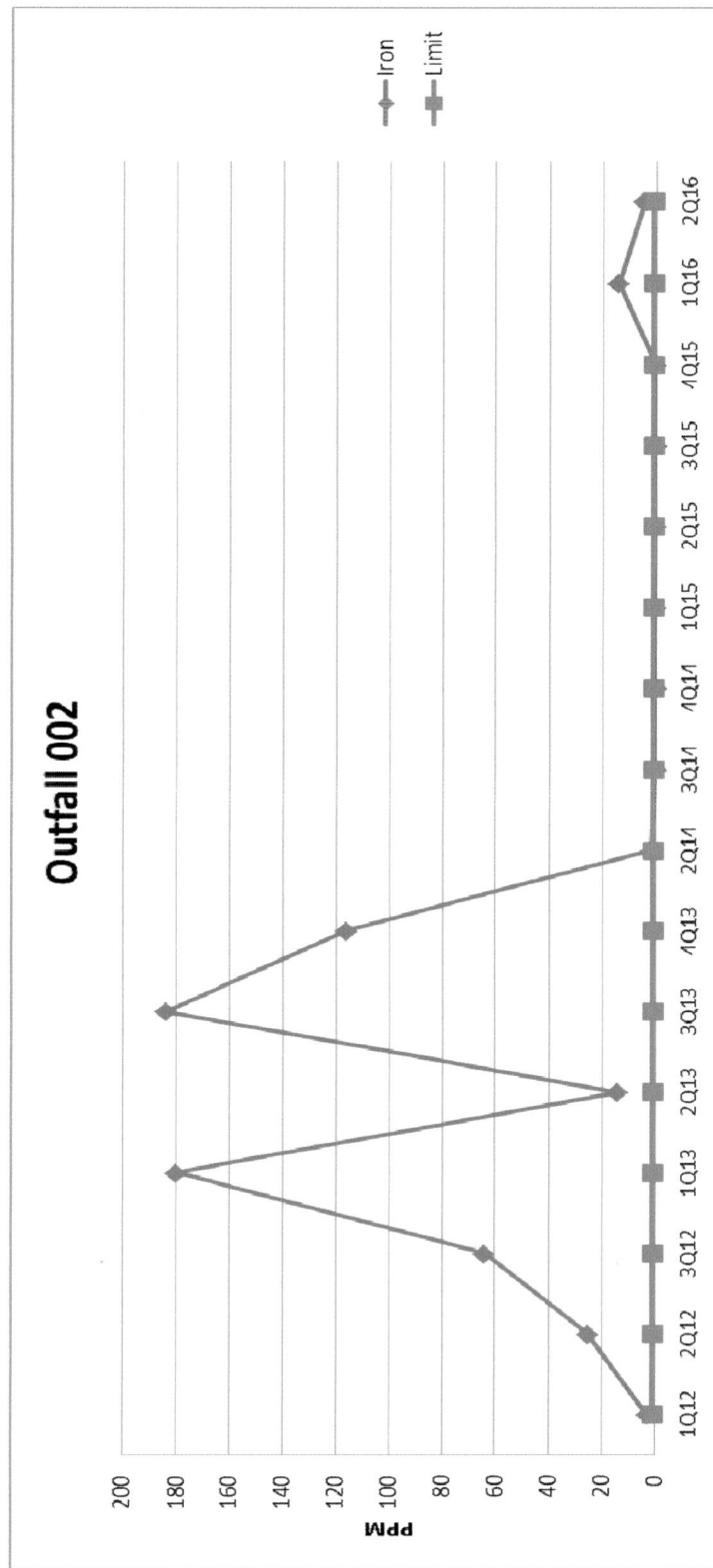




## Outfall 001

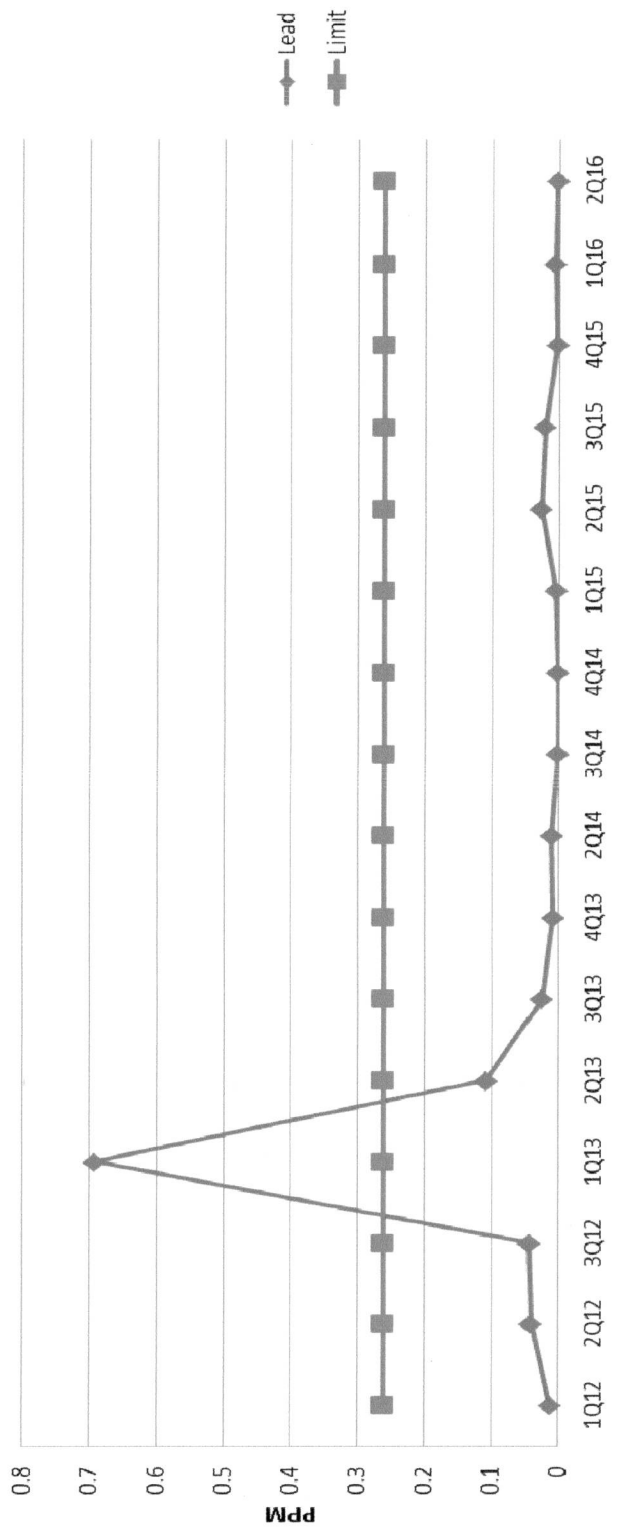


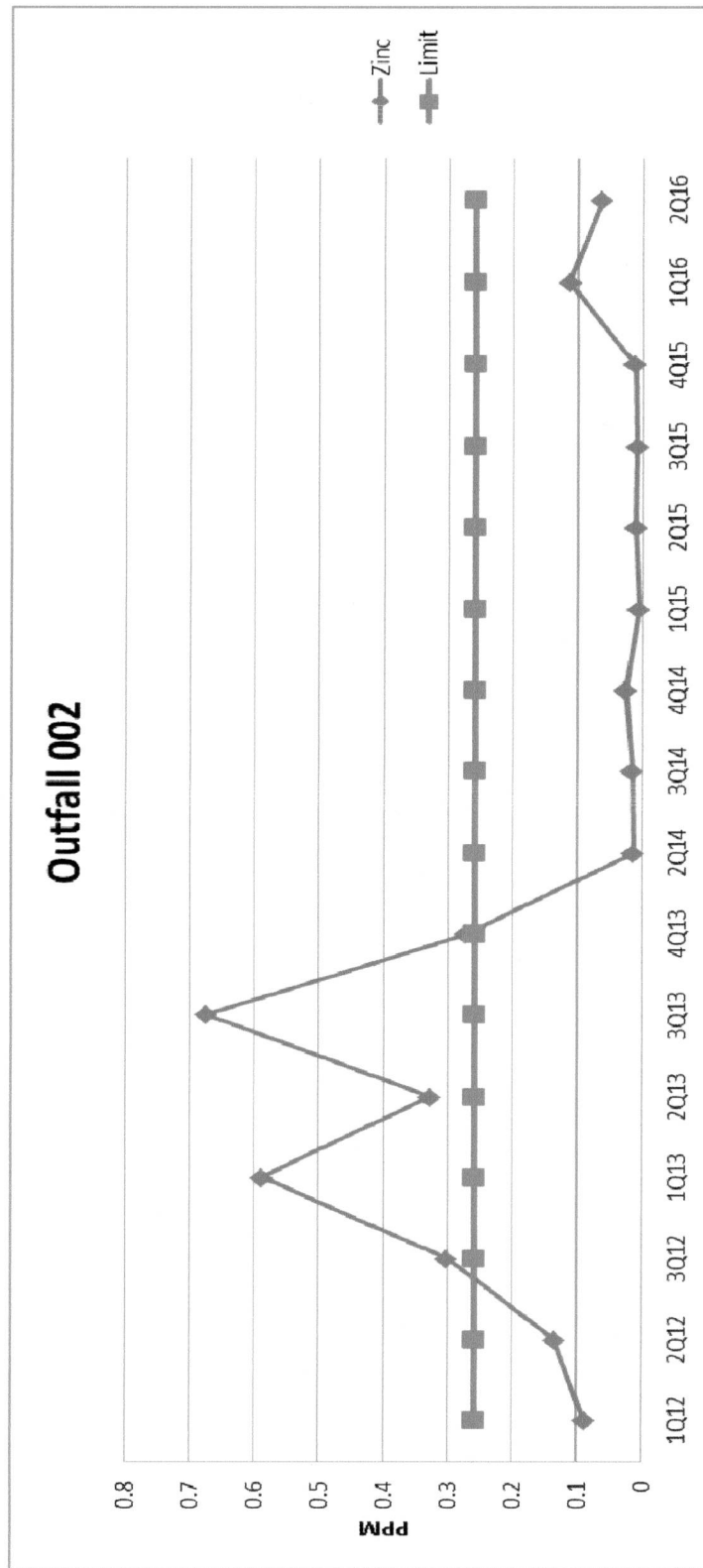




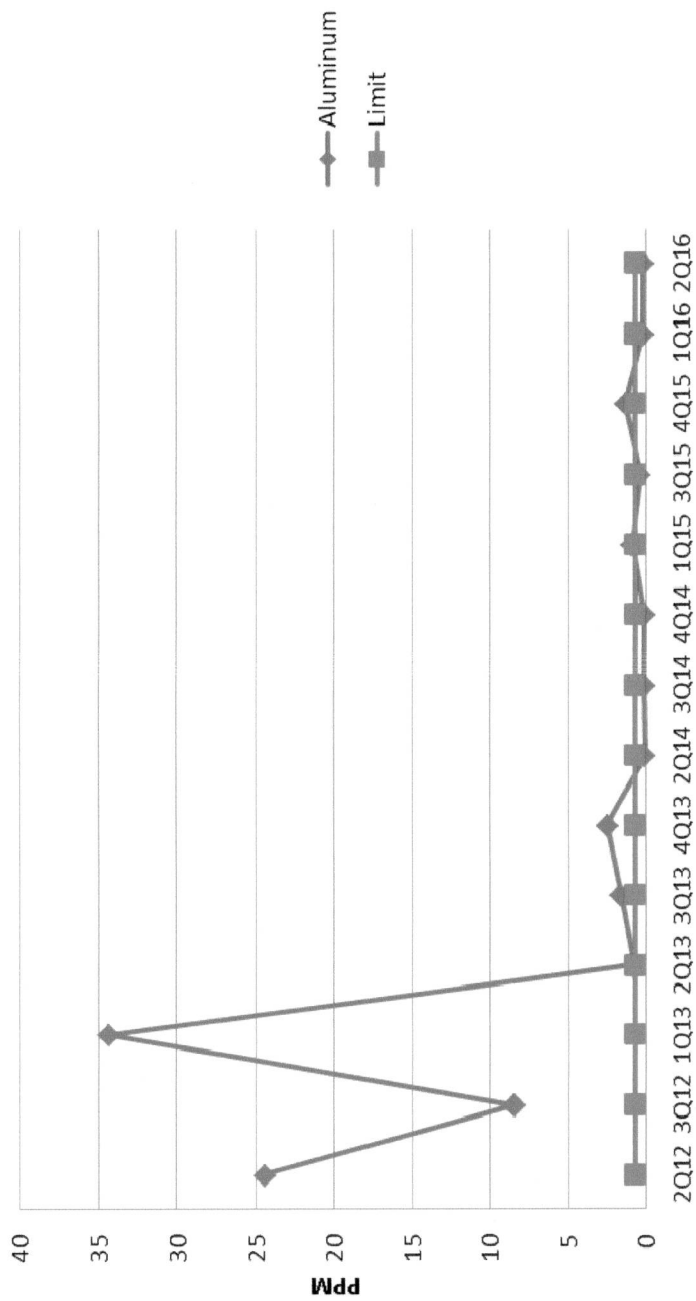


## Outfall 002

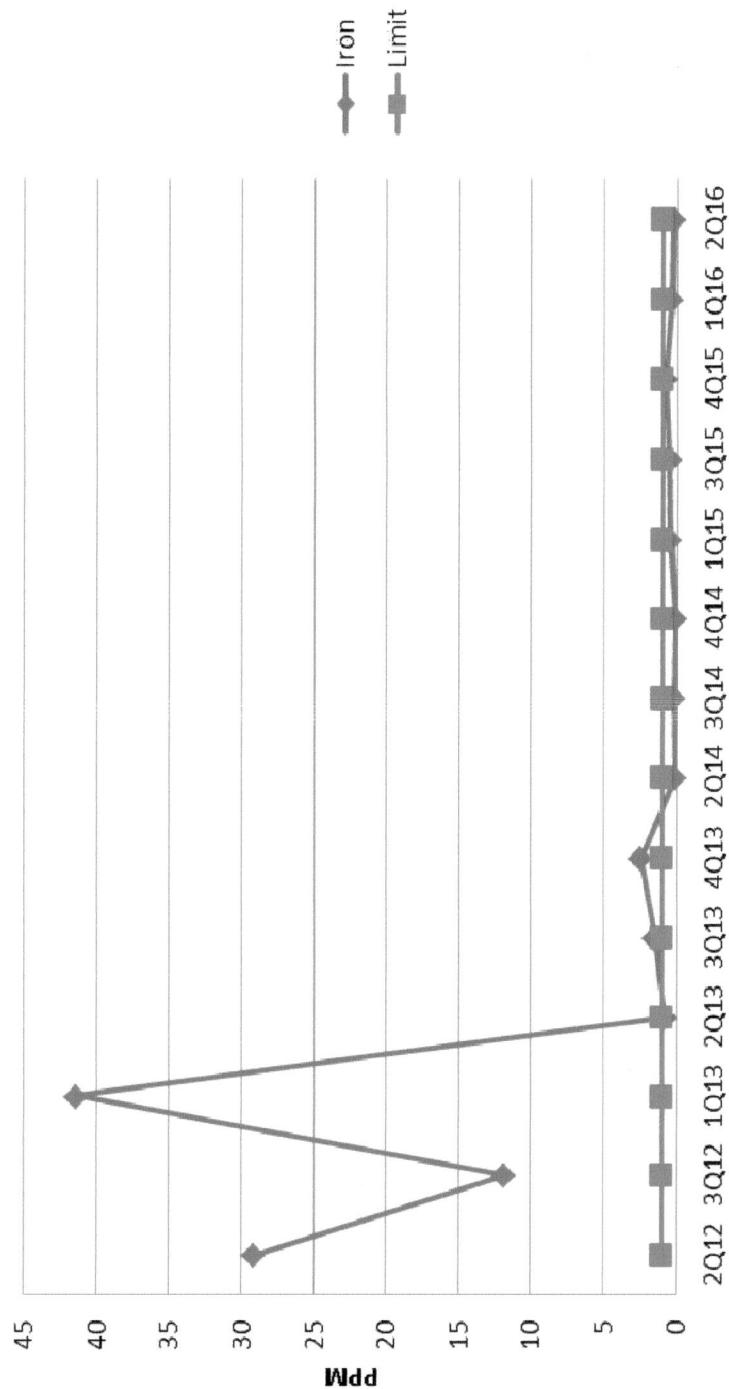




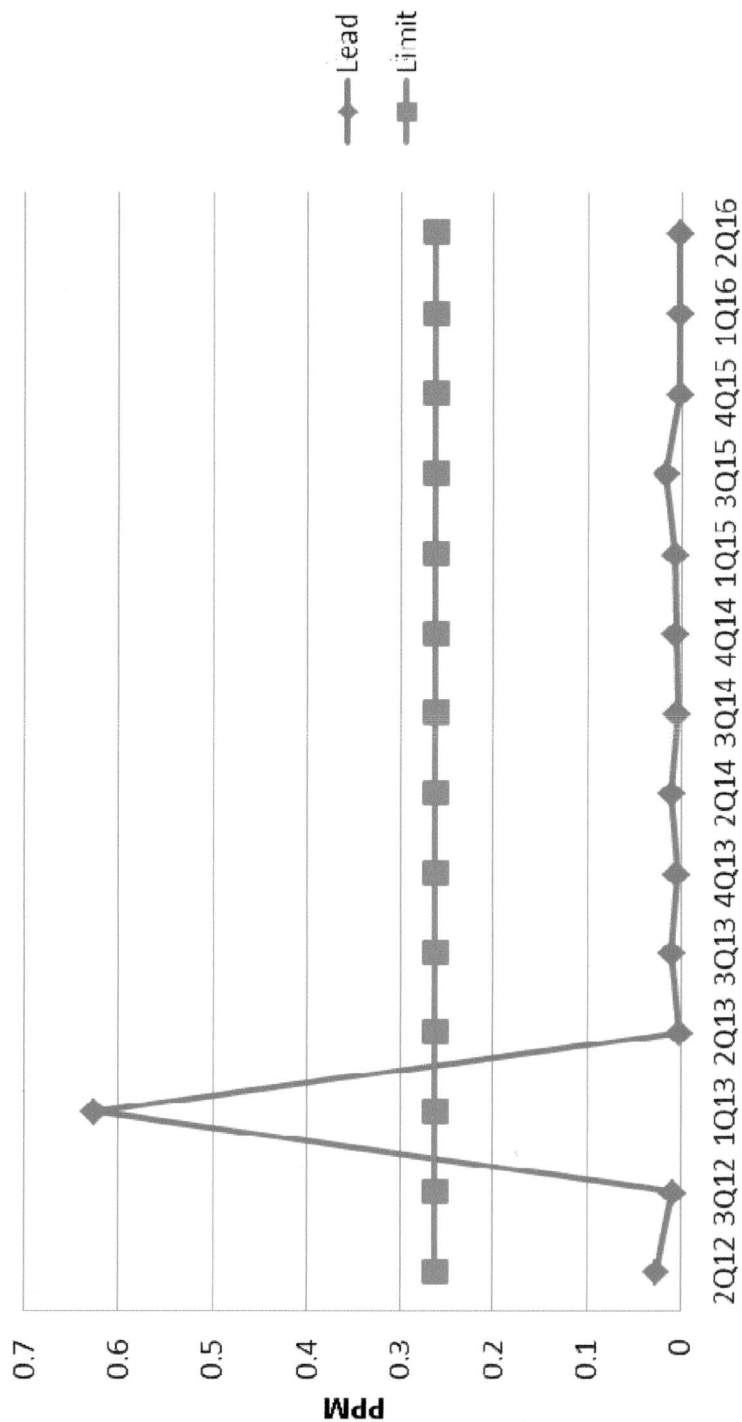
### Outfall 003



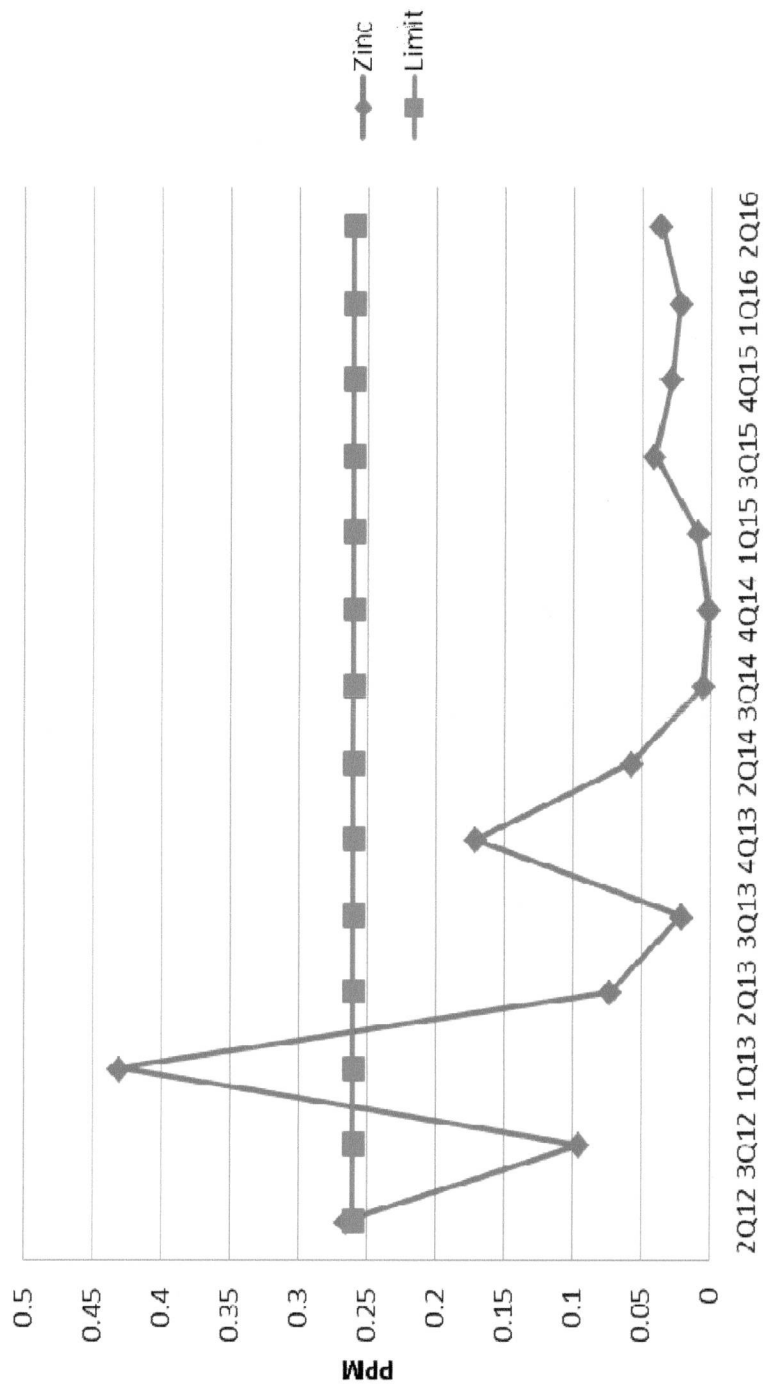
## Outfall 003



## Outfall 003



## Outfall 003



## **ATTACHMENT 3**

### **Routine Inspections, Visual Inspections and Corrective Actions**

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## Storm Water Industrial Routine Facility Inspection Form

Worksheet No. 4

General Information			
Facility Name	AES Puerto Rico, LP		
NPDES Tracking No.	PRR053093		
Date of Inspection	May 26, 2016	Start/End Time	8:15 am / 11:30 am
Inspector's Name(s)	Pedro E. Labayen		
Inspector's Title(s)	Stormwater Compliance Coordinator		
Inspector's Contact Information	(787) 866-8117 ext. 2215		
Inspector's Qualifications	Professional Engineer		
Weather Information			
Weather at time of this inspection? <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> High Winds <input type="checkbox"/> Other: Wind 17 mph Temperature: 82°F			
Have any previously unidentified discharges of pollutants occurred since the last inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe:			
Are there any discharges occurring at the time of inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe:			

### Control Measures

- Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.
- Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
Run-on Control (Northeast Area)				
01	Earth berm	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
02	Concrete wall	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
03	Rip rap	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
04	Concrete swale	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
05	Run-on inlet grate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
06	Polymer secondary containment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	



**AES Puerto Rico, LP**  
**Storm Water Pollution Prevention Plan**

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
<b>Firewater Pump station Area</b>				
07	Diesel tank secondary containment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
08	Oil / Water Separator	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
<b>East Access Road Area</b>				
09	Concrete channel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
10	Low wall	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
11	Concrete swale next to switch yard	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
<b>Liquid Urea Storage Area</b>				
12	Low wall	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
13	Slope liner	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
14	Truck secondary containment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
15	Tank secondary containment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
16	Concrete berm	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
17	Concrete channel culvert inlet	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
<b>Oil Drums Storage</b>				
18	Covered secondary containment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
<b>Ash Silos- spout</b>				
19	Ash silos	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
20	Spout connection	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
21	Water spray nozzles	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	

**AES Puerto Rico, LP**  
**Storm Water Pollution Prevention Plan**

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
22	Water hose	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
<b>Diesel Fuel Storage</b>				
23	Tank truck secondary containment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
24	Tanks secondary containment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	A joint from a segment of the ash wetting pipe located inside the secondary containment should be repaired.
25	Drip pans for vehicle / equipment fueling	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
<b>AGREMAX Stockpile</b>				
26	Gabion wall	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
27	10 feet buffer zone	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
28	Low wall	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
32	Covered conveyors	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
35	Wheel wash	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Wheel washer exit road and other selected areas were restored with asphalt.
37	Concrete channel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
<b>Gate #3</b>				
39	Road grating (2)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
40	Curb	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
41	Curb riprap	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	The rip rap was restored with new gabion stones. Also, a new liner was installed on the improved area.
42	Slope liner	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
43	Outfall riprap	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	

**AES Puerto Rico, LP**  
**Storm Water Pollution Prevention Plan**

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
44	Sampling Point Outfall 002	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
45	Concrete wall	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
<b>AGREMAX Stockpile Perimeter Road</b>				
48	Gravel cover	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
49	Concrete channel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
50	Low wall	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
51	Run on outfall	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
<b>Coal Stockpile</b>				
52	Runoff pond	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
53	Super silt fence	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
54	Sediment trap	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
55	Concrete swale	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
56	Wheel washer	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
57	Riprap in channel and slopes	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
<b>Heavy Equipment Maintenance Shop</b>				
61	Floor grating	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
62	Oil / Water Separator	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	The floor water drainage system must be cleaned. A notification to the maintenance personnel was made in order to coordinate the work. Notification #: 1000459145
63	Used oil storage tank and drums secondary containment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
64	Recyclable metals roll-off container cover	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	No containers available at this time.

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**Storm Water Pollution Prevention Plan**

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
<b>Warehouse / Urea Storage Building</b>				
65	Access road gravel cover	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
66	Earthen berm on west side	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
67	Low wall on north side	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
68	Trapezoidal swale	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
<b>Open Area West of Cooling Tower</b>				
69	Gravel cover	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
70	Slope liners	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
<b>Cooling Tower</b>				
71	Secondary containment dike	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
<b>Water Treatment</b>				
72	Sludge roll- off container inside clean grating	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Maintenance <input checked="" type="checkbox"/> Repair <input type="checkbox"/> Replacement	The concrete berm used to divert stormwater toward grating was damaged. A notification (#10004549146) was made in order to coordinate the work.
73	Soda ash silo secondary containment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
74	Acid / caustic tank truck unloading secondary containment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
<b>Access Road West of Power Plant</b>				
75	Catch basin inserts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
76	Curb inlet	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
77	Concrete berm w/ shallow gutter and curb inlet	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
78	Mercury control chemicals covered storage dike	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
<b>Storm Water Runoff Pond</b>				
80	Concrete weir	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	

**AES Puerto Rico, LP**  
**Storm Water Pollution Prevention Plan**

<b>ID.</b>	<b>Structural Control Measure</b>	<b>Control Measure is Operating Effectively?</b>	<b>If No, In Need of Maintenance, Repair, or Replacement?</b>	<b>Corrective Action Needed and Notes</b> (identify needed maintenance and repairs, or any failed control measures that need replacement)
81	Riprap channel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
82	Sediment accumulation control	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
83	Chemicals secondary containment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
<b>Road North of Coal Pile Runoff Pond</b>				
85	Coal pile runoff pond	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
86	Low wall	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
87	Riprap in channel and slopes	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
88	Concrete wall	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
89	Concrete beam	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
90	Box culvert	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
91	Sampling Point Outfall 003	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Maintenance <input checked="" type="checkbox"/> Repair <input type="checkbox"/> Replacement	The automatic sampler water sensor was damaged. The sun keeper and the water sensor cable must be replaced. A notification was made. Notification: #1000461154.
<b>Marine Dock</b>				
92	Collection manifold	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
93	Pier secondary containment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
94	Sampling Point Outfall 001	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
95	Conveyor TCI	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	

**AES Puerto Rico, LP**  
**Storm Water Pollution Prevention Plan**

**Areas of Industrial Materials or Activities exposed to stormwater**

*Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility.*

	<b>Area/Activity</b>	<b>Controls Adequate (appropriate, effective, and operating)?</b>	<b>Corrective Action Needed or Completed and Notes</b>
1	Material loading/unloading and storage areas (Agremax, limestone, coal storage)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
2	Heavy equipment operations and maintenance areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
3	Fueling areas (heavy equipment fueling and storage tank unloading)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
4	Outdoor vehicle and equipment washing areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
5	Waste handling and disposal areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
6	Erodible stockpiles (coal, Agremax)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
7	Non-stormwater/ illicit connections	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
8	Dust generation and vehicle tracking	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
9	Water Treatment Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
10	Power Block Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
11	Administration Building Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
12	2 Million- gallon and 18 Million- gallon Pond Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
13	Marine Dock Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
14	Stormwater Sample Point 001	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
15	Stormwater Sample Point 002	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
16	Stormwater Sample Point 003	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
17	Run-on storm water conveyance system	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

**AES Puerto Rico, LP**  
**Storm Water Pollution Prevention Plan**

	<b>Area/Activity</b>	<b>Controls Adequate (appropriate, effective, and operating)?</b>	<b>Corrective Action Needed or Completed and Notes</b>
18	Run-off storm water conveyance system	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
19	Process water conveyance system	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
20	CDS/ESP Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
21	Polymer application at 2 MM-gallon pond area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
22	18 MM-gallon Pond Transfer Pumps	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
23	Coal Crusher Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
24	Portable Toilets	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	



**AES Puerto Rico, LP**  
**Storm Water Pollution Prevention Plan**

**Notes**

Use this space for any additional notes or observations from the inspection:

**CERTIFICATION STATEMENT**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title: Pedro E. Labayan / Env. Coord.

Signature: Pedro E. Labayan Date: May 26, 2016





AES Puerto Rico, LP  
Storm Water Pollution Prevention Plan

MSGP Quarterly Visual Assessment Form

Worksheet No. 6

(Complete a separate form for each outfall you assess)

Name of Facility: AES Puerto Rico, L.P.

NPDES Tracking No.

PRR053093

Outfall Name: 001

"Substantially Identical Outfall"? ☒ No ☐ Yes

Person(s)/Title(s) collecting sample: Pedro E. Labayen

Person(s)/Title(s) examining sample: Pedro E. Labayen / Storm Water Compliance Coordinator

Date & Time Discharge Began: (4/1/16 5:47am)

Date & Time Sample Collected: (4/1/16 5:51am)

Date & Time Sample Examined: (4/1/16 2:30pm)

Substitute Sample? ☒ No ☐ Yes (identify quarter/year when sample was originally scheduled to be collected):

Nature of Discharge: ☒ Rainfall ☐ Snowmelt

If rainfall: Rainfall Amount: 0.06 inches Previous Storm Ended > 72 hours ☒ Yes ☐ No\*  
Before Start of This Storm?

Parameter

Color ☒ None ☐ Other (describe):

Odor ☒ None ☐ Musty ☐ Sewage ☐ Sulfur ☐ Sour ☐ Petroleum/Gas  
☐ Solvents ☐ Other (describe):

Clarity ☒ Clear ☐ Slightly Cloudy ☐ Cloudy ☐ Opaque ☐ Other

Floating Solids ☒ No ☐ Yes (describe):

Settled Solids\*\* ☒ No ☐ Yes (describe):

Suspended Solids ☒ No ☐ Yes (describe):

Sludge (gently shake sample) ☒ No ☐ Yes (describe):

Oil Sheen ☒ None ☐ Flecks ☐ Globs ☐ Sheen ☐ Slick  
☐ Other (describe):

Other Obvious Indicators of Stormwater Pollution ☒ No ☐ Yes (describe):

Sampling not performed due to no measurable storm event occurring that resulted in a discharge during the monitoring quarter:

☒ No ☐ Yes (describe):

\* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.

\*\* Observe for settled solids after allowing the sample to sit for approximately one-half hour.

Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below (attach additional sheets as necessary).

Certification by Facility Responsible Official (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name: Pedro E. Labayen / Env. Coord.

B. Title: Stormwater Compliance Coordinator

C. Signature: *Pedro E. Labayen*

D. Date Signed: 4/4/2016



AES Puerto Rico, LP  
Storm Water Pollution Prevention Plan

MSGP Quarterly Visual Assessment Form

Worksheet No. 6

(Complete a separate form for each outfall you assess)

Name of Facility: AES Puerto Rico, L.P.

NPDES Tracking No. PRR053093

Outfall Name: 002

"Substantially Identical Outfall"? ☒ No ☐ Yes

Person(s)/Title(s) collecting sample: Pedro E. Labayen

Person(s)/Title(s) examining sample: Pedro E. Labayen / Stormwater Compliance Coordinator

Date & Time Discharge Began: 4/1/16 (9:36 AM)

Date & Time Sample Collected: 4/1/16 (9:44 AM)

Date & Time Sample Examined: 4/1/16 (2:40 PM)

Substitute Sample? ☒ No ☐ Yes (identify quarter/year when sample was originally scheduled to be collected):

Nature of Discharge: ☒ Rainfall ☐ Snowmelt

If rainfall: Rainfall Amount: 0.13 inches Previous Storm Ended > 72 hours ☒ Yes ☐ No\*  
Before Start of This Storm?

Parameter

Color ☒ None ☐ Other (describe):

Odor ☒ None ☐ Musty ☐ Sewage ☐ Sulfur ☐ Sour ☐ Petroleum/Gas \_\_\_\_\_  
☐ Solvents ☐ Other (describe):

Clarity ☐ Clear ☒ Slightly Cloudy ☐ Cloudy ☒ Opaque ☐ Other

Floating Solids ☒ No ☐ Yes (describe):

Settled Solids\*\* ☐ No ☒ Yes (Soil erosion from uncovered areas at the curved rip rap and public dirty road were observed. Grating inlet protection "drain guards" must be replaced. (These BMPs will be repaired as a Corrective Action.))

Suspended Solids ☐ No ☒ Yes (describe):

Slam (gently shake sample) ☒ No ☐ Yes (describe):

Oil Sheen ☒ None ☐ Flecks ☐ Globs ☐ Sheen ☐ Slick  
☐ Other (describe):

Other Obvious Indicators of Stormwater Pollution ☒ No ☐ Yes (describe):

Sampling not performed due to no measurable storm event occurring that resulted in a discharge during the monitoring quarter:

☒ No ☐ Yes (describe):

\* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.

\*\* Observe for settled solids after allowing the sample to sit for approximately one-half hour.

**Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below (attach additional sheets as necessary).** Rip rap located south of the AGREMAX pile must be cleaned to remove accumulated sediments and maintain adequate soil erosion control. The CCP personnel were informed about the problem and coordinated corrective actions. Some inlet filters installed at the grating located at Gate #3 must be replaced.

**Certification by Facility Responsible Official (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements)**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name: Pedro E. Labayen / Env. Coord

B. Title: Stormwater Compliance Coordinator

C. Signature: *Pedro E. Labayen*

D. Date Signed: 4/4/2016



AES Puerto Rico, LP  
Storm Water Pollution Prevention Plan

MSGP Quarterly Visual Assessment Form

Worksheet No. 6

(Complete a separate form for each outfall you assess)

Name of Facility: AES Puerto Rico, L.P.

NPDES Tracking No. PRR053093

Outfall Name: 003

"Substantially Identical Outfall"? ☒ No ☐ Yes

Person(s)/Title(s) collecting sample: Pedro E. Labayen

Person(s)/Title(s) examining sample: Pedro E. Labayen / Stormwater Compliance Coordinator

Date & Time Discharge Began: 04/1/2016 (12:17pm) Date & Time Sample Collected: 04/1/2016 (12:19pm) Date & Time Sample Examined: 04/1/2016 (2:50pm)

Substitute Sample? ☒ No ☐ Yes (identify quarter/year when sample was originally scheduled to be collected):

Nature of Discharge: ☒ Rainfall ☐ Snowmelt

If rainfall: Rainfall Amount: 0.21 inches

Previous Storm Ended > 72 hours Before Start of This Storm? ☐ Yes

☒ No\* Although, a rain storm occurred 24hr. before, it did not generated a discharge (No measurable storm event).

Parameter

Color ☒ None ☐ Other (describe):

Odor ☒ None ☐ Musty ☐ Sewage ☐ Sulfur ☐ Sour ☐ Petroleum/Gas  
☐ Solvents ☐ Other (describe):

Clarity ☒ Clear ☐ Slightly Cloudy ☐ Cloudy ☐ Opaque ☐ Other

Floating Solids ☒ No ☐ Yes (describe):

Settled Solids\*\* ☒ No ☐ Yes (describe):

Suspended Solids ☒ No ☐ Yes (describe):

Stir (gently shake sample) ☒ No ☐ Yes (describe):

Oil Sheen ☒ None ☐ Flecks ☐ Globs ☐ Sheen ☐ Slick  
☐ Other (describe):

Other Obvious Indicators of Stormwater Pollution ☒ No ☐ Yes (describe):

Sampling not performed due to no measurable storm event occurring that resulted in a discharge during the monitoring quarter:

☒ No ☐ Yes (describe):

\* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.

\*\* Observe for settled solids after allowing the sample to sit for approximately one-half hour.

Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below (attach additional sheets as necessary).

Certification by Facility Responsible Official (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name: Pedro E. Labayen

B. Title: Stormwater Compliance Coordinator

C. Signature: *Pedro Labayen*

D. Date Signed: 4/4/2016

## Corrective Action Documentation – 2<sup>nd</sup> Quarter 2016

### Instructions:

Within 24 hours of becoming aware of a condition identified in Parts 4.1 or 4.2 of the 2015 MSGP, document the existence of the condition and subsequent actions. Note that this information must be summarized in the annual report (as required in Part 7.5 of the 2015 MSGP).

### Corrective Action #1

**Description of Condition:** The rip rap located at the south side of the facility (Gate #3) should be cleaned and improved in order to reduce potential erosion.

**Date:** April 1, 2016

**Immediate Actions:** The CCP personnel were informed about the problem and coordinated corrective actions immediately.

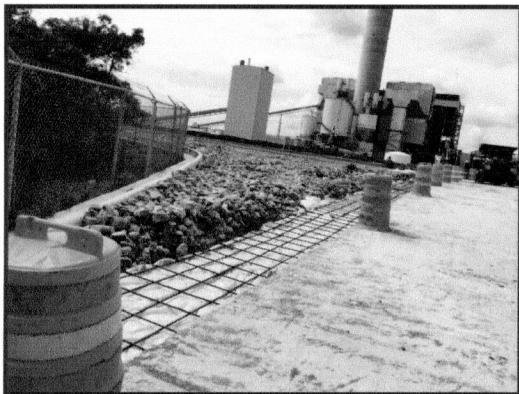
**Actions Taken within 14 Days:** The following actions were completed:

- Different contractor's quotations were obtained for evaluation.
- Quotations were evaluated by the CCP personnel.
- An external contractor was selected to complete the work.

**14 Day Infeasibility:** This work will be performed by an external contractor and requires quotation evaluation by AES PR, coordination with internal personnel and aggregate stone delivery to plant.

**45 Day Extension:** N/A

**Date Completed:** May 16, 2016



Quarterly Progress Report (QPR) No. 6  
Administrative Compliance Order  
AES-PR Coal Fired Power Plant  
Docket Number CWA-02-2015-3102

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## Corrective Action #2

**Description of Condition:** Wheel washer exit road needed improvements.

**Date:** April 1, 2016

**Immediate Actions:** The CCP personnel were informed about the problem and coordinated corrective actions immediately.

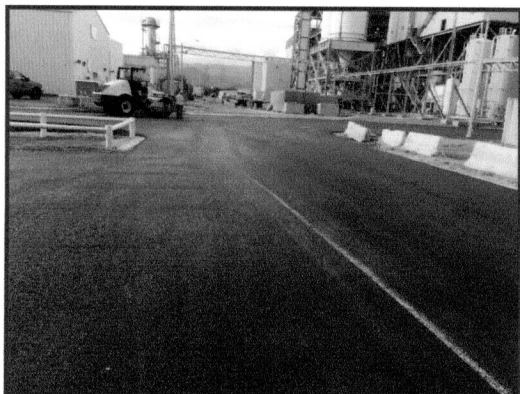
**Actions Taken within 14 Days:** The following actions were completed:

- The scope of project was determined.
- Different contractor's quotations were evaluated.
- The ash removal and truck traffic were temporary suspended in the area until termination of road amendments.

**14 Day Infeasibility:** This project requires installation of asphalt on the wheel washer exit road and other selected areas. This involves capital investment and coordination with the CCP operational area in order to not affect regular operations.

**45 Day Extension:** N/A

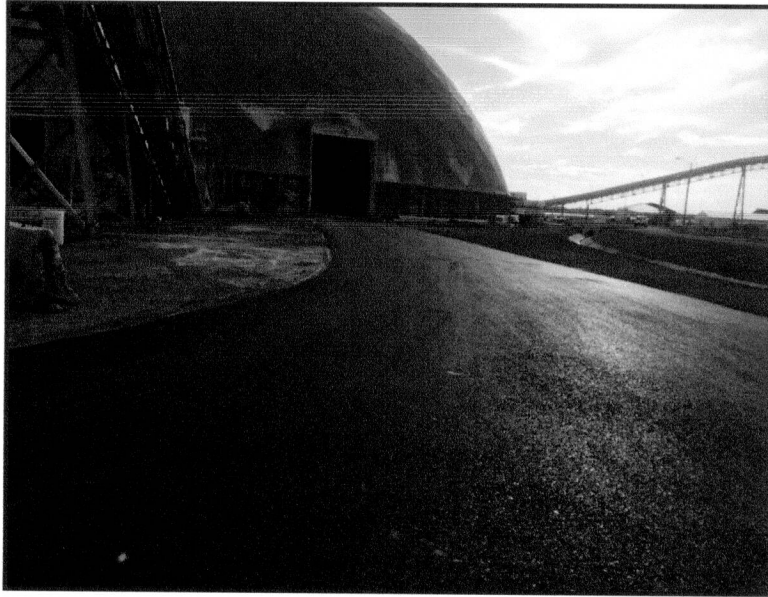
**Date Completed:** May 16, 2016





Quarterly Progress Report (QPR) No. 6  
Administrative Compliance Order  
AES-PR Coal Fired Power Plant  
Docket Number CWA-02-2015-3102

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### Corrective Action #3

**Description of Condition:** The concrete berm used to divert stormwater toward grating at the softener area was damaged. A notification (#10004549146) was made in order to coordinate repair.

**Date:** May 26, 2016

**Immediate Actions:** Operations personnel were informed about the problem and coordinated corrective actions immediately.

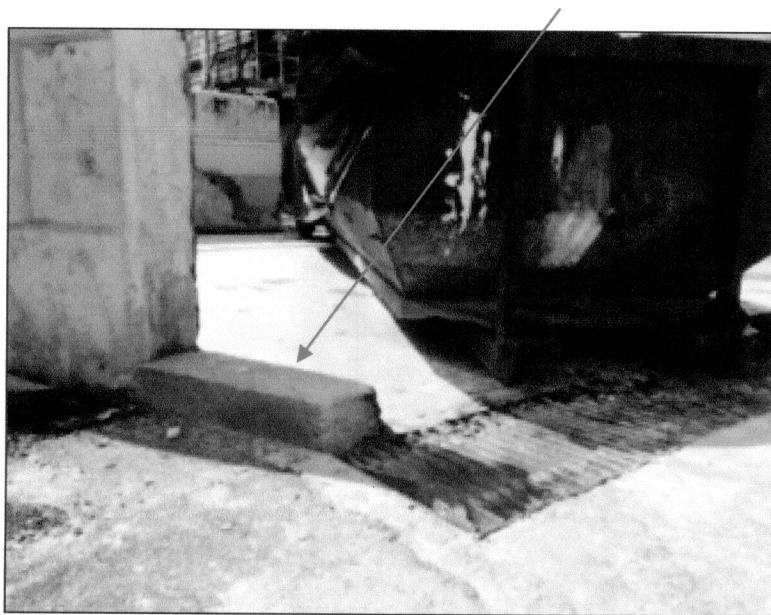
**Actions Taken within 14 Days:** The following actions were completed:

- The scope of project was determined.
- A plant external contractor's proposal was requested.

**14 Day Infeasibility:** This work will be performed by an external contractor and required evaluation, selection and coordination.

**45 Day Extension:** N/A

**Date Completed:** June 13, 2016





#### Corrective Action #4

**Description of Condition:** The automatic sampler "sunkeeper" and water sensor cable must be replaced. A notification was made in order to coordinate the work. Notification: #1000461154.

**Date:** May 26, 2016

**Immediate Actions:** Instrumentation / Electrical personnel were informed about the problem and coordinated corrective actions immediately.

**Actions Taken within 14 Days:** N/A  
**14 Day Infeasibility:** N/A

**45 Day Extension:** N/A

**Date Completed:** June 8, 2016

